



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Mayer, et al.

App. No. : 10/677,980  
Filed : October 2, 2003  
Title : PLASMODIUM FALCIPARUM  
ERYTHROCYTE BINDING PROTEIN  
BAEBL FOR USE AS A VACCINE  
Art Unit : 1614  
Examiner : Unknown

**POWER OF ATTORNEY BY ASSIGNEE UNDER 37 C.F.R. § 3.73(b)**  
**AND**  
**EXCLUSION OF INVENTOR UNDER 37 C.F.R. § 3.71**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir or Madam:

The United States Department of Health and Human Services is assignee of the entire right, title and interest in and to the above-identified application, as shown by the assignment recorded on February 24, 2004, at Reel 014370, Frame 0822, in the patent assignment records of the U.S. Patent and Trademark Office. This recorded Assignment has been reviewed by the undersigned, who certifies that, to the best of his or her knowledge and belief, title is in the assignee.

Said assignee hereby revokes any previous Powers of Attorney in the subject application and appoints the registrants of National Institutes of Health Offices of Technology Transfer, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852, telephone (301) 496-7056, **Customer No. 005318** as its attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

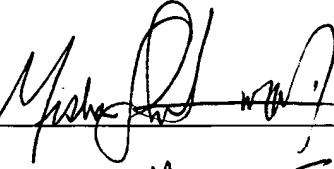
Said appointment is to the exclusion of the inventor(s) and their attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Serial No. : 10/677,980  
Filed : October 2, 2003

The National Institutes of Health Office of Technology Transfer has been duly delegated responsibility for such patent matters under the authority of the Department of Health and Human Services Secretary Louis W. Sullivan's May 21, 1991 memorandum appearing in the Friday, June 7, 1991 Federal Register Notices at Vol. 56, No. 110, pp. 26418-26419. The undersigned is authorized to exercise such authority in this matter.

Done on this 11 day of MARCH, 2004, at Rockville, Maryland.

UNITED STATES DEPARTMENT OF HEALTH  
AND HUMAN SERVICES

By: 

Printed Name: Michael Shmilovich

Registration No.: 45,634

for: Mark Novak, 4  
Office of Technology Transfer  
National Institutes of Health  
6011 Executive Boulevard, Suite 325  
Rockville, MD 20852  
Telephone (301) 496-7056  
Facsimile (301) 402-0220

**DHHS CASE NO. E-328-2000/0-US-03**

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ASSOCIATE POWER OF ATTORNEY

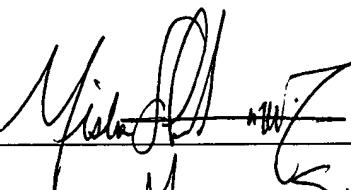
Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir or Madam:

The undersigned attorney of record, pursuant to the provisions of 37 C.F.R. §§ 1.33 and 1.34, and M.P.E.P. § 402.02, hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, California 92614, telephone (949) 760-0404, **Customer No. 20,995**, as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected herewith.

Done on this 11 day of March, 2004, at Rockville, Maryland.

UNITED STATES DEPARTMENT OF HEALTH  
 AND HUMAN SERVICES

By: 

Printed Name: MICHAEL S. SHMILOWITZ

Registration No.: 45,634

for:  
 Office of Technology Transfer

National Institutes of Health  
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Rockville, MD 20852  
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